

PCT09

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/856,864

DATE: 10/29/2001

TIME: 13:11:31

Input Set : A:\Sequence listing.txt

Output Set: N:\CRF3\10292001\I856864.raw

3 <110> APPLICANT: CELLTECH THERAPEUTICS LIMITED  
5 <120> TITLE OF INVENTION: RECOMBINANT FUSION PROTEINS  
7 <130> FILE REFERENCE: P023523WO  
C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/856,864  
C--> 10 <141> CURRENT FILING DATE: 2001-09-28  
12 <150> PRIOR APPLICATION NUMBER: GB9826112.6  
13 <151> PRIOR FILING DATE: 1998-11-27  
15 <160> NUMBER OF SEQ ID NOS: 14  
17 <170> SOFTWARE: PatentIn Ver. 2.1  
19 <210> SEQ ID NO: 1  
20 <211> LENGTH: 4  
21 <212> TYPE: PRT  
22 <213> ORGANISM: Artificial Sequence  
24 <220> FEATURE:  
25 <223> OTHER INFORMATION: Description of Artificial Sequence: cleavage site  
27 <400> SEQUENCE: 1  
28 Asp Lys Thr His  
29 1  
32 <210> SEQ ID NO: 2  
33 <211> LENGTH: 4  
34 <212> TYPE: PRT  
35 <213> ORGANISM: Artificial Sequence  
37 <220> FEATURE:  
38 <223> OTHER INFORMATION: Description of Artificial Sequence: cleavage site  
40 <400> SEQUENCE: 2  
41 Asp Arg Ser His  
42 1  
45 <210> SEQ ID NO: 3  
46 <211> LENGTH: 4  
47 <212> TYPE: PRT  
48 <213> ORGANISM: Artificial Sequence  
50 <220> FEATURE:  
51 <223> OTHER INFORMATION: Description of Artificial Sequence: cleavage site  
53 <400> SEQUENCE: 3  
54 Glu Lys Ser His  
55 1  
58 <210> SEQ ID NO: 4  
59 <211> LENGTH: 4  
60 <212> TYPE: PRT  
61 <213> ORGANISM: Artificial Sequence  
63 <220> FEATURE:  
64 <223> OTHER INFORMATION: Description of Artificial Sequence: cleavage site  
66 <400> SEQUENCE: 4  
67 Asp Lys Ser His  
68 1  
71 <210> SEQ ID NO: 5  
72 <211> LENGTH: 118

ENTERED

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73 <212> TYPE: DNA
74 <213> ORGANISM: Artificial Sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: Description of Artificial Sequence: plasmid DNA ✓
79 <400> SEQUENCE: 5
80 tagtctgcag gtgctgacct gccgcgcgtg tccggataaa acccatacca tcgaaggcag 60
81 tactagcgat tataaagatg atgatgataa atgatgagga tccaagcttg cggccgcg 118
83 <210> SEQ ID NO: 6
84 <211> LENGTH: 119
85 <212> TYPE: DNA
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: Description of Artificial Sequence: plasmid DNA ✓
91 <400> SEQUENCE: 6
92 aattcgcggc cgcaagcttg gatcctcatc atttatcatc atcatcttta taatcgctag 60
93 tactgccttc gatggtatgg gttttatccg gacacggcgg gcaggtcagc acctgcaga 119
95 <210> SEQ ID NO: 7
96 <211> LENGTH: 16
97 <212> TYPE: PRT
98 <213> ORGANISM: Artificial Sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: Description of Artificial Sequence: C-terminus of ✓
102 Fab' 40.4 hinge delta inter' heavy chain
104 <400> SEQUENCE: 7
105 Glu Pro Lys Thr Ser Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala
106 1 5 10 15
109 <210> SEQ ID NO: 8
110 <211> LENGTH: 33
111 <212> TYPE: PRT
112 <213> ORGANISM: Artificial Sequence
114 <220> FEATURE:
115 <223> OTHER INFORMATION: Description of Artificial Sequence: C terminus of ✓
116 'Fab 40.4 hinge 1 delta inter Null 2 FLAG' heavy
117 chain
119 <400> SEQUENCE: 8
120 Glu Pro Lys Thr Ser Leu Gln Val Leu Thr Cys Pro Pro Cys Asp Lys
121 1 5 10 15
123 Thr His Thr Ile Glu Gly Ser Thr Ser Asp Tyr Lys Asp Asp Asp Asp
124 20 25 30
126 Lys
130 <210> SEQ ID NO: 9
131 <211> LENGTH: 11
132 <212> TYPE: PRT
133 <213> ORGANISM: Artificial Sequence
135 <220> FEATURE:
136 <223> OTHER INFORMATION: Description of Artificial Sequence: Null 2 peptide ✓
138 <220> FEATURE:
139 <221> NAME/KEY: MOD_RES
140 <222> LOCATION: (1)

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141 <223> OTHER INFORMATION: ACETYLTATION;
143 <220> FEATURE:
144 <221> NAME/KEY: MOD_RES
145 <222> LOCATION: (11)
146 <223> OTHER INFORMATION: AMIDATION
148 <400> SEQUENCE: 9
149 Val Glu Pro Lys Thr Ser Leu Gln Val Leu Thr
150   1           5           10
153 <210> SEQ ID NO: 10
154 <211> LENGTH: 11
155 <212> TYPE: PRT
156 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
159 <223> OTHER INFORMATION: Description of Artificial Sequence: CUT 1 peptide
161 <220> FEATURE:
162 <221> NAME/KEY: MOD_RES
163 <222> LOCATION: (1)
164 <223> OTHER INFORMATION: ACETYLTATION
166 <220> FEATURE:
167 <221> NAME/KEY: MOD_RES
168 <222> LOCATION: (11)
169 <223> OTHER INFORMATION: AMIDATION
171 <400> SEQUENCE: 10
172 Val Glu Pro Lys Thr Ser Asp Lys Thr His Thr
173   1           5           10
176 <210> SEQ ID NO: 11
177 <211> LENGTH: 8
178 <212> TYPE: PRT
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Description of Artificial Sequence: cleaved CUT 1
183 peptide
185 <220> FEATURE:
186 <221> NAME/KEY: MOD_RES
187 <222> LOCATION: (1)
188 <223> OTHER INFORMATION: ACETYLTATION
190 <220> FEATURE:
191 <221> NAME/KEY: MOD_RES
192 <222> LOCATION: (8)
193 <223> OTHER INFORMATION: Hyl
195 <400> SEQUENCE: 11
196 Val Glu Leu Lys Thr Ser Asp Lys
197   1           5
200 <210> SEQ ID NO: 12
201 <211> LENGTH: 6
202 <212> TYPE: PRT
203 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
206 <223> OTHER INFORMATION: Description of Artificial Sequence: N terminal

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207 sequence of cleaved FLAG tail  
209 <400> SEQUENCE: 12  
210 Thr His Thr Ile Glu Gly  
211 1 5  
214 <210> SEQ ID NO: 13  
215 <211> LENGTH: 17  
216 <212> TYPE: PRT  
217 <213> ORGANISM: Artificial Sequence  
219 <220> FEATURE:  
220 <223> OTHER INFORMATION: Description of Artificial Sequence: FLAG tail ✓  
221 cleavage product of Null 2 Flag peptide  
223 <400> SEQUENCE: 13  
224 Thr His Thr Ile Glu Gly Ser Thr Ser Asp Tyr Lys Asp Asp Asp Asp  
225 1 5 10 15  
227 Lys  
231 <210> SEQ ID NO: 14  
232 <211> LENGTH: 4  
233 <212> TYPE: PRT  
234 <213> ORGANISM: Artificial Sequence  
236 <220> FEATURE:  
237 <223> OTHER INFORMATION: Description of Artificial Sequence: Null site of ✓  
238 Null 2 FLAG  
240 <400> SEQUENCE: 14  
241 Leu Gln Val Leu  
242 1

VERIFICATION SUMMARY

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L:9 M:270 C: Current Application Number differs, Replaced Current Application Number

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date